

SPECIFICATIONS PURSUANT TO C6.74# - SLASH TREATMENT REQUIREMENTS
(02/2002)

I. Slash Disposal Plan

Purpose

The purpose of this plan is to state the Fuel Management Objectives of the Sale Area, the Purchaser's responsibilities for fuel treatment, the prescribed fuel treatment methods and their estimated costs.

Objectives

Purchaser shall treat slash on the Sale Area in accordance with the attached Specifications, slash treatment cost estimate, and Slash Disposal Map.

II. Slash Treatment Methods and Specifications for general Sale Area

A. Subdivision: 1.

Purchaser shall pile landing slash in accordance with Slash Disposal Specification 1.1. **Forest Service will burn Landing Piles.**

B. Subdivision: 1.

Purchaser shall hand pile slash in accordance with Slash Disposal Specification 4.0. Where shown on the Sale Area Map and Slash Disposal Map. **Forest Service will burn hand piles.**

C. Subdivision: 1.

Purchaser shall remove all slash from System Roads in accordance with Slash Disposal Specification 10.0.

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SLASH DISPOSAL SPECIFICATION 1.1 (08/1996)

PURCHASER TREATMENT OF LANDINGS, DECKING AREAS, AND NON-SPECIFIED ROADS.

Purchaser shall treat slash on the Sale Area in accordance with the attached Specifications and Slash Disposal Map.

A. Piling and Decking Specifications

1. Equipment:

- a. Unless otherwise agreed to in writing, machines used to pile slash will be equipped with a brush blade having a minimum of five teeth which project at least 12 inches below the lower edge of the blade. Grapple loaders may be used.
- b. Unless otherwise agreed to in writing, machines used to deck material will be capable of building decks that meet the size requirements.

2. Slash to be Piled - Reference Slash Plan for treatment by Cutting Unit

a. Machine Pile Areas

Slash will be piled if enough exists to create at least a minimum size pile of 5 feet high and 10 feet in diameter.

b. Hand Pile Areas

Slash will be piled if enough exists to create piles of 4 feet high and 6 feet in diameter.

c. Modified Logging Areas

Unless otherwise agreed to in writing, all slash over 1 inch in diameter on the large end and at least 2 feet long will be piled.

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3. Material to be Decked - Reference Slash Plan for treatment by Cutting Unit.

Unless otherwise agreed to in writing, all Sawlog Material containing 2 cubic feet Gross Scale not meeting AT2 Minimum Specifications will be delimbed and decked.

4. Covering of Piles:

Waterproof paper will be placed in the upper portion of hand piles during construction. The covering will be 30-30-30 waterproof paper, Craft Paper, or plastic sheeting (4 mil. minimum thickness). The paper must be of sufficient size and placement to provide coverage of 80 percent of the pile.

5. Location of Piles:

Where possible, piles will be located at least 10 feet from the bole of the nearest live tree. Slash will not be piled on the surface or in ditch lines of System Roads.

6. Deck Size and Location:

Decks will be at least one-half as high as in width, but not exceeding 15 feet in height. Deck location will be at the landing and separate from other decked material, unless otherwise agreed to by Forest Service.

7. Pile Construction:

Burnable material will be removed from around the pile. The intent is to remove that material through which the fire could burn out of the pile when the pile is burned. This material will not include duff, tree needles, or small scattered pieces of slash.

8. Deck Construction:

Logs will be aligned in a parallel manner, up and down slope, as compact as possible. Ends of pieces that extend more than 6 feet beyond the general faces of the deck will be trimmed. Trimmed pieces will be placed on or against the deck.

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B. Non-specified Road Slash:

Other methods of disposal such as lop, scattering, burying, or chipping for Non-specified Road slash, including stumps may be agreed to. Scattering or burying will be done only in approved locations. Scattered slash will not exceed 18 inches in height from the soil or highest permanent structure such as rock.

SLASH DISPOSAL SPECIFICATION 4.0

7/93

PURCHASER HAND TREATMENT OF SLASH IN AREA DESIGNATED.

Special Provision C6.74

Slash will be hand piled by Purchaser within area designated.

A. Piling Specifications:

1. Slash to be Piled - Reference Slash Plan for treatment by Subdivision.

make
It is the intent of this specification to pile slash concentrations. A concentration of slash is defined as that amount of slash within a maximum 25-foot radius, that if piled would make four minimum size piles of 4 feet high and 6 feet in diameter. Measurements will be taken from the the compact portion of the pile.

Slash to be piled will include all material 2 inches up to and including 8 inches in diameter on the large end at least 3 feet long prior to bucking, and all slash over 8 feet long having a diameter of less than 8 inches on the large end.

All slash within 3 feet of the pile edge, regardless of size (this is not intended to include duff, tree needles or small scattered pieces of slash) will be piled.

2. Location of Piles:

Where possible, piles will be located at least 10 feet from the bole of the nearest live tree. Slash will not be piled on the surface or in ditchlines of system roads.

3. Covering of Piles:

Waterproof paper or plastic will be placed in the upper portion of handpiles during

construction. The covering will be 30-30-30 waterproof paper or 4 mil or heavier plastic. The paper or plastic must be of sufficient size and placement to provide coverage of 80 percent of the pile.

B. Burning Specifications - Reference Slash Plan to determine if Purchaser burning is not required.

Residual slash (unburned and/or partially burned slash remaining within the pile site) will not exceed 20 percent of the original cubic foot volume of each handpile. At least 90 percent of all hand piles must meet this specification.

C. Method of Measurement:

If residual slash amounts following burning are in question, the procedure below will be followed.

Place residual slash in a pile, with pieces parallel to each other. Measurement in feet of the height, width, and length of the pile will be multiplied to determine the cubic foot volume of residual slash.

Calculation of original cubic foot volume will be one-half the volume of a sphere, based on the diameter of the pile.

Example: The burn ring of the pile indicates the original slash pile was 8 feet in diameter. The pile height will therefore be assumed to be 4 feet. Using the formula for one-half the volume of a sphere.

(Volume = $3.1416(\text{Pi}) \times [\text{diameter cubed divided by } 12]$). The original pile volume is Determined to be 134 cubic feet ($3.1416 \times [8 \times 8 \times 8 \text{ divided by } 12]$). Since 90 percent of the pile must be burned, no more than 13 cubic feet of unburned slash may remain in the pile to be acceptable.

SLASH DISPOSAL SPECIFICATION 10.0 (12/1989)

PURCHASER SLASH REMOVAL FROM SYSTEM ROADS.

Slash will be removed from System Roads by Purchaser as described below, unless otherwise agreed to in writing.

A. Designated System Roads:

This shall apply to All Roads shown on Sale Area Map within Sale Area.

B. Area of Removal:

1. Slash will be removed between the top of the cut slope and the bottom of the fill slope, including the roadbed and ditch lines.
2. All floatable slash will also be removed from draws and drainage ways for a minimum of 50 feet above culvert inlets.